EXHIBIT O



HUAWEI TECHNOLOGIES COMPANY LIMITED

XINCHENG ROAD #2 & #6, SONGSHAN LAKE, DONGGUAN, GUANGDONG, CHINA

This is a multi-site certificate, additional site details are listed in the appendix to this certificate Bureau Veritas Certification (Beijing) Co., Ltd. certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 28000:2007

Scope of certification

PROCUREMENT, MANUFACTURE AND LOGISTICS FOR CORE NETWORK PRODUCTS, RADIO ACCESS PRODUCTS, FIXED ACCESS PRODUCTS, TRANSPORT NETWORK PRODUCTS, DATA COMMUNICATION PRODUCTS, SYNCHRONIZATION NETWORK PRODUCTS, ANTENNA SYSTEMS AND RADIO FREQUENCY PRODUCTS, COPPER AND OPTICAL DISTRIBUTION NETWORK PRODUCTS (ODN AND DISTRIBUTION PRODUCT), BUSINESS SUPPORT SYSTEM PRODUCTS, NETWORK MANAGEMENT SYSTEM AND TOOL PRODUCTS, CONSUMER SERVICE PRODUCTS, ENTERPRISE SERVICE PRODUCTS, SECURITY PRODUCTS, ENTERPRISE UC & C PRODUCTS, INFRASTRUCTURE NETWORK AND SECURITY PRODUCTS, CLOUD COMPUTING AND DATA CENTER PRODUCTS, STORAGE PRODUCTS, SERVER PRODUCTS, DIGITAL ENTERTAINMENT PRODUCTS, TELECOMMUNICATION TERMINAL PRODUCTS, ENERGY PRODUCTS (INCLUDE COMMUNICATION POWER SYSTEM, BMP & CP, HYBRID POWER, UPS, INVERTER, DADA CENTER INFRASTRUCTURE, NETWORK MANAGEMENT AND MONITORING PRODUCTS).

Certification cycle start date: 17 August 2015

Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on: 16 August 2018

Original certification date: 17 August 2012

Certificate No. CN28-15003

Version C, Revision date: 7 December 2016



Signed on behalf of Bureau Veritas Certification (Beijing) Co., Ltd.

Certification body address: F22, Tower B, Beijing Global Trade Center, 36 North Third Ring Road East, Dongcheng District, Beijing, China Local office: F22, Tower B, Beijing Global Trade Center, 36 North Third Ring Road East, Dongcheng District, Beijing, China

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.

To check this certificate validity please call: (+86 10 59683663)



HUAWEI TECHNOLOGIES COMPANY LIMITED

Standards

ISO 28000:2007

Scope of certification

SITE 1: HUAWEI TECHNOLOGIES COMPANY LIMITED	XINCHENG ROAD #2 & #6, SONGSHAN LAKE, DONGGUAN, GUANGDONG, CHINA
SITE 2: EUROPE SUPPLY CENTER	OFFICE: KOZRAKTAR U. 30-32. RIVERPARK OFFICE BUILDING I&II FLOOR, 1093 BUDAPEST, HUNGARY
	EMS FACTORY - FLEXTRONICS: PROLOGIS PARK BUDAPEST M1, 2071 PATY, HUNGARY
	EMS FACTORY - FOXCONN: 2900 KOMAROM, BANKI DONAT UTCA 1, HUNGARY
	DHL WEST LOG INDUSTRY PARK: HUNGARY BIATORBAGY-VEREBELY LASZLO U. 2, WESTLOG DC, 1ST FLOOR
	NETHERLANDS DC: ACHTSEWEG NOORD 30-36, 5651 GG EINDHOVEN, NETHERLANDS
SITE 3: LATIN AMERICA SUPPLY CENTER	OFFICE AND FACTORY: CARRETERA A LA BASE AEREA 5850 - BUILDING 20, ZAPOPAN, GUADALAJARA, JALISCO, MEXICO
	PANAMA DC: COCO SOLITO, ZONA LIBRE. CUATRO ALTOS, LOTE A1, MANZANA CO-2-1, PANAMA
SITE 4: BRAZIL SUPPLY CHAIN	OFFICE AND FACTORY : AVENIDA JEROME CASE 2600, BAIRRO EDEN, SOROCABA, SP, BRAZIL
SITE 5: DUBAI SUPPLY CENTER	OFFICE: G02, BUILDING EIB 04 (STAR HOLDING BUILDING), DIC, DUBAI, UAE
	LSP WAREHOUSE : DANZAS EMIRATES AEI LLC, PO BOX 47814, JEBEL ALI FREE ZONE, DUBAI, UAE
SITE 6: INDIA SUPPLY CHAIN	OFFICE AND FACTORY: K-24, SIPCOT INDUSTRIAL PARK, NEAR EB SUBSTATION, SRIPERUMBUTHUR CHENNAI, TAMIL NADU-602105, INDIA
	EMS FACTORY - FLEXTRONICS: PLOT NO.3, PHASE - II, SIPCOT INDUSTRIAL PARK, SANTHAVELUR C VILLAGE, SRIPERUMBUDUR KANCHIPURAM DISTRICT, 602106 TAMIL NADU, INDIA

Version C, Revision date: 7 December 2016



Signed on behalf of Bureau Veritas Certification (Beijing) Co., Ltd.

Certification body address: F22, Tower B, Beijing Global Trade Center, 36 North Third Ring Road East, Dongcheng District, Beijing, China

Local office: F22, Tower B, Beijing Global Trade Center, 36 North Third Ring Road East,

Dongcheng District, Beijing, China

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation. To check this certificate validity please call: $(\pm 86\ 10\ 59683663)$



BUREAU VERITAS
Certification



华为技术有限公司

中国广东省东莞市松山湖高新技术产业开发区新城大道2号和6号 此份为多场所证书,各分场所见证书附页

必维认证(北京)有限公司

确证上述单位的管理体系已经评审并确认符合下列管理体系标准全部适用条款的要求

认证依据之体系标准

ISO 28000:2007

体系覆盖范围

核心网产品、无线接入产品、固定接入产品、传送网产品、数据通信产品、同步网产品、天馈与射频产品、ODN与配线产品、运营支撑产品、网管与工具产品、数据业务产品、企业业务产品、安防产品、企业统一通信与协作产品、基础网络与安全产品、云计算与数据中心产品、存储产品、服务器产品、数字娱乐产品、通信终端产品、能源产品(包括通信电源、BMP&CP、混合供电、UPS、逆变器、数据中心基础设施、网管与监控)的采购、制造与物流

认证周期起始日期: **2015 年 08 月 17** 日

在证书持有者之管理体系持续符合要求的运行条件下,本证书至下述日期有效:

2018年08月16日

最初的批准日期: 2012年08月17日

证书号: CN28-15003

版本号 C. 批准日期: 2016年 12月 07日



授权代表

发证机构地址:: 中国北京市东城区北三环东路36号北京环球贸易中心B座22层, 邮编:100013 当地办公室地址:中国北京市东城区北三环东路36号北京环球贸易中心B座22层, 邮编:100013

需进一步澄清本证书认证范围及此管理体系要求的适用性,可直接向持证者查询要查证本证书之有效状态请电:(+86 10 59683663)







华为技术有限公司

认证依据之体系标准

ISO 28000:2007

体系覆盖范围

场所 1: 华为技术有限公司	中国广东省东莞市松山湖高新技术产业开发区新城大道 2 号和 6 号
场所 2: 欧洲供应中心	OFFICE: KOZRAKTAR U. 30-32. RIVERPARK OFFICE BUILDING I&II FLOOR, 1093 BUDAPEST, HUNGARY
	EMS FACTORY-FLEXTRONICS: PROLOGIS PARK BUDAPEST M1, 2071 PATY, HUNGARY
	EMS FACTORY-FOXCONN: 2900 KOMAROM, BANKI DONAT UTCA 1, HUNGARY
	DHL WEST LOG INDUSTRY PARK: HUNGARY BIATORBAGY-VEREBELY LASZLO U. 2, WESTLOG DC, 1ST FLOOR
	NETHERLANDS DC: ACHTSEWEG NOORD 30-36, 5651 GG EINDHOVEN, NETHERLANDS
场所 3: 拉美供应中心	OFFICE AND FACTORY: CARRETERA A LA BASE AEREA 5850-BUILDING 20, ZAPOPAN, GUADALAJARA, JALISCO, MEXICO
	PANAMA DC: COCO SOLITO, ZONA LIBRE. CUATRO ALTOS, LOTE A1, MANZANA CO-2-1, PANAMA
场所 4: 巴西供应链	OFFICE AND FACTORY: AVENIDA JEROME CASE 2600, BAIRRO EDEN, SOROCABA, SP, BRAZIL
场所 5: 迪拜供应中心	OFFICE: G02, BUILDING EIB 04 (STAR HOLDING BUILDING), DIC, DUBAI, UAE
	LSP WAREHOUSE: DANZAS EMIRATES AEI LLC, PO BOX 47814, JEBEL ALI FREE ZONE, DUBAI, UAE
场所 6: 印度供应链	OFFICE AND FACTORY: K-24, SIPCOT INDUSTRIAL PARK, NEAR EB SUBSTATION, SRIPERUMBUTHUR CHENNAI, TAMIL NADU-602105, INDIA
	EMS FACTORY-FLEXTRONICS: PLOT NO.3, PHASE-II, SIPCOT INDUSTRIAL PARK, SANTHAVELUR C VILLAGE, SRIPERUMBUDUR KANCHIPURAM DISTRICT, 602106 TAMIL NADU, INDIA

版本号 C, 批准日期: 2016年12月07日



授权代表

发证机构地址:: 中国北京市东城区北三环东路 36 号北京环球贸易中心 B 座 22 层, 邮编: 100013 当地办公室地址:中国北京市东城区北三环东路 36 号北京环球贸易中心 B 座 22 层, 邮编: 100013

需进一步澄清本证书认证范围及此管理体系要求的适用性,可直接向持证者查询 要查证本证书之有效状态请电: (+86 10 59683663)









In accordance with the authority granted under Act 11/2002, regulating the National Intelligence Centre, and applying articles 1 and 2, second paragraph, letter c, of Royal Decree 421/2004, 12th March, regulating the National Cryptologic Centre, I hereby:

Certify that the security of the "Huawei 3900 Series LTE eNodeB Software", version V100R004C00SPC100, application software, developed by Huawei Technologies Co., Ltd., Bantian, Longgang, Shenzhen 518129, PR of China, fulfills its Security Target identified as "Security Target of Huawei 3900 Series LTE eNodeB Software", v2.6 October 17th 2011, to the extent defined by the evaluation assurance level EAL3+ (ALC_CMC.4; ALC_CMS.4), using the norms "Common Criteria for Information Technology Security Evaluation" and "Common Methodology for Information Technology Security Evaluation", version 3.1 R3.

Claimed Protection Profiles: None Evaluated Platform: None

Evaluation Facility: EPOCHE & ESPRI

Certification Report: INF-808

This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, september the 19th.

The above-mentioned Security Target and Certification Report are available at the National Cryptologic Centre.

Ö NA Madrid, February 14th 2012 Secretary of State Director

CERTIFICACIÓN Nº 45/C-PR110

Félix Sanz Roldán

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for Information Technology Security Evaluation, version 3.1, for conformance to the Common Criteria for Information Technology Security Evaluation, version 3.1. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification/Validation report. The evaluation has been conducted in accordance with the provisions of the SP IT Security Evaluation and Certification Scheme, PRE/2740/2007 september the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Scheme or by any other organisation that recognises or gives effect to this certificate, is either expressed or implied.







In accordance with the authority granted under Act 11/2002, regulating the National Intelligence Centre, and applying articles 1 and 2, second paragraph, letter c, of Royal Decree 421/2004, regulating the National Cryptologic Centre, I hereby:

Certify that the security of the Huawei iManager M2000 version 2 Release 11 C01 CP 1301, developed by Huawei Technologies Co.Ltd., whose address is Bantian, Longgang Shenzhen 518129, P.R.China, fulfills its Security Target identified as "iManager M2000 Security Target", version 1.20, 2011-09-08, to the extent defined by the evaluation assurance level EAL3+ (ALC_CMC.4; ALC_CMS.4), using the norms "Common Criteria for Information Technology Security Evaluation" and "Common Methodology for Information Technology Security Evaluation", version 3.1.

Claimed Protection Profiles:

None

Evaluated Plataform:

Sun Solaris

Evaluation Facility:

EPOCHE & ESPRI

Certification Report:

INF-765

This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The above-mentioned Security Target and Certification Report are available at the National Cryptologic Centre.

CCN GNAM CRIPTO (ACC) NODAL ENAC CERTIFICACIÓN Nº 45/C-PR110 Madrid, January 13th 2012 Secretary of State Director

Félix Sanz Roldán

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for Information Technology Security Evaluation, version 3.1, for conformance to the Common Criteria for Information Technology Security Evaluation, version 3.1. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification/Validation report. The evaluation has been conducted in accordance with the provisions of the SP IT Security Evaluation and Certification Scheme, PRE/2740/2007 September the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Scheme or by any other organization that recognizes or gives effect to this certificate, and no warranty of the IT product by the Scheme or by any other organization that recognizes or gives effect to this certificate, is either expressed or implied.

The IT product identified in this certificate has been evaluated at the Norwegian evaluation facility described on this certificate using Common Methodology for IT Security Evaluation, according to the version number described on this certificate, for conformance to the Common Criteria for IT Security Evaluation according to the version number described on this certificate. This certificate applies only to the specific version and release of the product in its evaluated configuration and in The evaluation has been conducted in accordance with the provisions of The Norwegian Certification Authority for IT Security (SERTIT) and the conclusions of the evaluation from security vulnerabilities. This certificate only reflects the view of SERTIT at the time of certification. It is furthermore the responsibility of users (both existing vulnerabilities have been discovered since the date shown of IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, and no

Certificate

Product Manufacturer: Huawei Technologies

Product Name: NetEngine 5000E Core Router

Type of Product: Router

Version and Release Numbers: Version V800R006

Build: COOSPC200

Assurance Package: EAL 3 augmented with ALC_CMC.4

Evaluation Criteria: Common Criteria version 3.1R4 (ISO/IEC 15408)

Name of IT Security Evaluation Facility: Brightsight B.V.

Name of Certification Body: SERTIT

Certification Report Identifier: SERTIT-061 CR, issue 1.0, 4 June 2015

Certificate Identifier: SERTIT-061 C

Date Issued: 4 June 2015

Kjartan Jæger Kvassnes

Certifier

Quality Assurance

Bytein Hole Oystein Hole Head of SERTIT















In accordance with the authority granted under Act 11/2002, regulating the National Intelligence Centre, and applying articles 1 and 2, second paragraph, letter c, of Royal Decree 421/2004, March 12th, regulating the National Cryptologic Centre, I hereby:

Certify that the security of the "Huawei WCDMA NodeB Software", version V200R013C01SPC010, application software, developed by Huawei Technologies Co., Ltd., Bantian, Longgang, Shenzhen 518129, PR of China, fulfills its Security Target identified as "Huawei WCDMA NodeB Software Security Target", version 1.19, November 11th 2011, to the extent defined by the evaluation assurance level EAL3+ (ALC_CMC.4; ALC_CMS.4), using the norms "Common Criteria for Information Technology Security Evaluation" and "Common Methodology for Information Technology Security Evaluation", version 3.1 R3.

Claimed Protection Profiles: None

Evaluated Platform: None Evaluation Facility: EPOCHE & ESPRI

Certification Report: INF-849

This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The above-mentioned Security Target and Certification Report are available at the National Cryptologic Centre.





Madrid, March 26th 2012 Secretary of State Director

Félix Sanz Roldán

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for Information Technology Security Evaluation, version 3.1, for conformance to the Common Criteria for Information Technology Security Evaluation, version 3.1. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification/Validation report. The evaluation has been conducted in accordance with the provisions of the SP IT Security Evaluation and Certification Scheme, PRE/2740/2007 September 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Scheme or by any other organisation that recognises or gives effect to this certificate, is either expressed or implied.







CERTIFICATE

CCN-CC-006/2016

Huawei OceanStor T&SX900 Series Storage System Software, versión V100R005C30SPC300

Type of product Conformance of functionality Evaluation Facility Certification Report Expiration date Software
Product specific Security Target – CC Part 2 conformant
EPOCHE & ESPRI S.L.U
CCN-CC/2013-20/INF-1591
See Certification Report

Pursuant to the authority vested in me under Act 11/2002 regulating the National Intelligence Centre, and under Article 1 and Article 2.2.c of Royal Decree 421/2004 of March 12th regulating the National Cryptologic Centre, I hereby:

Certify that the security of "Huawei OceanStor T&SX900 Series Storage System Software, versión V100R005C30SPC300" developed by Huawei Technologies Co., Ltd, Administration Building, Headquarters of Huawei Technologies Co. Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.China, has been evaluated using the "Common Methodology for Information Technology Security Evaluation", version 3.1 R4 and the "Common Criteria for Information Technology Security Evaluation", and it has met the requirements of its Security Target identified as "Huawei OceanStor T&SX900 Series Storage System V100R005 Security Target version 3.5, August 2015" for evaluation assurance level EAL3 augmented by ALC_CMC.4 and ALC_CMS.4.



Madrid, April 13th, 2016 Secretary of State Director

Félix Sanz Roldán



This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for IT Security Evaluation, version 3.1.R4 and CC Supporting Documents as listed in the Certification Report, for conformance to the Common Criteria for IT Security Evaluation, version 3.1.R4. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification Report. The evaluation has been conducted in accordance with the provisions of the Spanish IT Security Evaluation and Certification Scheme, PRE/2740/2007 September the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, is either expressed or implied.



Open Trusted Technology Provider™ 1.0

This is to certify that the following Scope of Accreditation:

Huawei FDD (Frequency Division Duplex) product line of Wireless Network Business Unit

from

Huawei Technologies Co., Ltd.

is accredited and complies with the requirements in the Open Trusted Technology ProviderTM Standard (O-TTPS) Accreditation Program for:

Open Trusted Technology Provider™ 1.0

Date registered: 26 August 2016 Valid until: 26 August 2019

Steve Nunn, President and CEO, The Open Group

The Open Group Certification Mark is a trademark and Open Trusted Technology Provider are trademarks and The Open Group is a registered trademark of The Open Group. The Accreditation Logo may only be used in relation to the Organization and its Scope of Accreditation. The Accreditation Register may be viewed at: http://ottps-accred.opengroup.org/accreditation-register.

evaluated at the Norwegian evaluation facility described on this certificate using Common Methodology for IT Common Criteria for IT Security Evaluation according to the version number described on this certificate. This certificate applies only to the specific version and The evaluation has been conducted in accordance with the provisions of The Norwegian Certification Authority for technical report are consistent with the evidence adduced. the view of SERTIT at the time of certification. vulnerabilities have been discovered since the date shown of this certificate. This certificate is not an endorsement of the IT product by SERTIT or by any other organization that certificate, is either expressed or implied.

Certificate

Product Manufacturer: Huawei Technologies

Product Name: Huawei S2300, S2700, S5300, S5700, S6300, S6700, S7700, S9300, S9700 Ethernet

Switches V200R003

Type of Product: Ethernet Switch

Version and Release Numbers: Version V200R003

Assurance Package: EAL 3 augmented with ALC_CMC.4

Evaluation Criteria: Common Criteria version 3.1R4 (ISO/IEC 15408)

Name of IT Security Evaluation Facility: BrightSight B.V.

Name of Certification Body: SERTIT

Certification Report Identifier: SERTIT-052 CR, issue 1.0, 21 August 2013

Certificate Identifier: SERTIT-052 C

Date Issued: 21 August 2013

Kjartan Jæger Kvassnes

Certifier

Arne Høye Rage Quality Assurance Kjell Werner Bergan Head of SERTIT









DET NORSKE VERITAS

CERTIFICATE OF APPROVAL

Certificate No. 212756-2017-AQ-RGC-TAPA

This is to certify that

Huawei Technologies Co., Ltd.— Songshanhu Base R3 and C1 Warehouse

No 2 & No.6, Xincheng Road, High-Tech Industrial Development Zone, Songshanhu Area, Dongguan City, Guangdong Province, China

has been found to conform with requirements of the following Standards:

TAPA Freight Security Requirements (FSR) 2014

Classification [A]

This Certificate is valid for the following scope:

Freight Security Requirements FSR-2014 for Warehouse Activities relating to Storage, Inventory and Issue.

According to the TAPA regulations the certificate remains valid for the period of three years, provided that annual self assessments are done by the certified organisation.

Initial Certification date:

23 January 2017

This Certificate is valid until:

23 January 2020

Place and date:

Barendrecht, 23 January 2017

for the Accredited Unit:
DNV GL BUSINESS ASSURANCE B.V.,
THE NETHERLANDS

For TAPA Asia Pacific

Transported Asset Protection Association

Tony Lugg Chairman TAPA Asia Pacific Sharon Boogaard

Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.





Certificate of Registration

QUALITY MANAGEMENT SYSTEM - TL9000-H-S-V and ISO 9001:2008

This is to certify that: Huawei Technologies Co., Ltd.

Huawei Industrial Park, Bantian

Longgang District

Shenzhen Guangdong 518129 China

Holds certificate No: FM 669358

and operates a Quality Management System which complies with the requirements of TL9000-H-S-V R5.5/R5.0 for the following scope:

Please see registered scope page.

For and on behalf of BSI:

Chris Cheung, Head of Compliance and Risk - Asia Pacific

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14





...making excellence a habit.™

Page: 1 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Registered Scope:

Design, manufacture, supply chain management, sales, procurement and services (include installation, network engineering services, network field maintenance, repair services and customer support services) of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies. Design, manufacture, supply chain management and services (include installation, network field maintenance and customer support services) of business support system products, network management system and tool products, digital products, enterprise service products, cloud computing and data center products, server products and security products by Huawei Software. Design, manufacture, procurement, supply chain and delivery management, sales and services of digital entertainment products, telecommunication terminal products by Huawei Device.

Product category:

Huawei Technologies: 1.1; 1.2.2.1; 1.2.3; 1.2.8; 1.2.9.1; 1.2.9.2; 1.2.9.3; 2.2; 2.3; 3.1.1.3.4.1; 3.1.2.1; 3.2.2.1.2.1; 3.2.2.1.2.2; 3.2.2.1.2.3; 3.2.2.1.3; 3.2.4.3; 3.2.5; 3.3.1; 3.3.2.1; 3.3.2.2; 3.3.2.3; 3.3.4; 4.2.2; 5.1; 5.2; 5.3; 5.4; 6.2.1.1; 6.2.4; 6.2.5; 6.2.8; 6.4; 6.5; 6.6; 7.1.1; 7.2.1.1; 7.2.1.2; 7.3.1; 7.4; 7.5.1.

Huwei Software: 1.2.8; 2.1; 4.2.1; 6.1; 7.1.1; 7.3.1; 7.5.1.

Huawei Device: 6.2.1.2.1; 6.2.1.2.2; 6.2.1.2.5; 6.2.3.1; 6.2.3.2; 6.2.6.1; 6.2.7; 7.4.

Note: ODN and Distribution product: ODF (Optical Distribution Frame), FDT (Fiber Distribution Terminal), SPL (Splitter), FAT (Fiber Access Terminal), SSC (Splitting and Splicing Closure), Indoor cable, iODF (intelligent Optical Distribution Frame), iFDT (intelligent Fiber Distribution Terminal), iFAT (intelligent Fiber Access Terminal), intelligent patch cord, iSPL (intelligent electric ID).

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 2 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Technologies Co., Ltd.
Huawei Device Co., Ltd.
Huawei Software (Shenzhen)
Huawei Industrial Park, Bantian
Longgang District
Shenzhen
Guangdong
518129
China

Registered Activities

Design, manufacture, supply chain management, sales, procurement and services (include installation, network engineering services, network field maintenance, repair services and customer support services) of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product). business support system products, management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design, manufacture, supply chain management and services (include installation, network field maintenance and customer support services) of business support system products, network management system and tool products, digital products, enterprise service products, cloud computing and data center products, server products and security products by Huawei Software

Design, manufacture, procurement, supply chain and delivery management, sales and services of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 3 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Technologies Co., Ltd.
Huawei Device Co., Ltd.
Block A&B
Building 1, Phase 1 Tian An Cloud Park
No. 2018 Xuegang Road, Bantian
Longgang District, Shenzhen
Guangdong
518129
China

Registered Activities

Design and sales of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design, procurement, supply chain and delivery management, sales and services of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 4 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Technologies Co., Ltd.
Nangang Campus 3
Tangtou Industrial Park, Shiyan
Bao'an District
Shenzhen
Guangdong
518108
China

Registered Activities

Design, manufacture and repair services of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 5 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Device (Dongguan) Co., Ltd.
Huawei Machine Co., Ltd.
Huawei Technologies (Dongguan)
Huawei Software (Dongguan)
No. 2 New City Avenue
Song Shan Hu Science &
Technology Industrial Park, Dongguan
Guangdong
523808
China

Registered Activities

Design, manufacture, sales and services (include installation, network engineering services, network field maintenance, repair services and customer support services) of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design, manufacture and services (include installation, network field maintenance and customer support services) of business support system products, network management system and tool products, digital products, enterprise service products, cloud computing and data center products, server products and security products by Huawei Software.

Design, manufacture and repair services, procurement, supply chain and delivery management, sales and services of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 6 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Technologies Co., Ltd.
Beijing Research Institute
Huawei Building, No. 3 Xinxi Road
Shang Di Information Industrial Base
Haidian District
Beijing
100095
China

Registered Activities

Design of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 7 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Technologies Co., Ltd.
Beijing Research Institute
Huawei Device (Dongguan) Co., Ltd.
Beijing Branch
Huawei Device (Beijing)
Building 1-4, No. 18 Muhe Road
Haidian District
Beijing
100095
China

Registered Activities

Design of fixed access products, radio access products, core transport network network products, products, communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 8 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Shanghai Huawei Technologies Co., Ltd. Huawei Device (Shanghai) No. 2222 Xinjinqiao Road Shanghai Free Trade Zone Shanghai 201206 China

Registered Activities

Design of fixed access products, radio access products, core transport network network products, products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 9 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

201206

China

Shanghai Huawei Technologies Co., Ltd. Building 4, Manka Technology Park No. 901 Tanglu Road Pudong Shanghai

Registered Activities

Design of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 10 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Xi'an Huawei Technologies Co., Ltd. Huawei Device (Xi'an) No. 127 Jinye Road Hi-Tech Industrial Development Zone Xi'an Shaanxi 710075 China

Registered Activities

Design of fixed access products, radio access products, core transport network network products, products, communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 11 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

China

Huawei Technologies (Jinan) Huawei Software (Jinan) Building 4, No. 8 Long Ao Bei Lu Lixia District Jinan Shandong 250102

Registered Activities

Design of fixed access products, radio access products, core transport network network products, products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design of business support system products by Huawei Software.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 12 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Technologies Co., Ltd.
Wuhan Research Institute
Building A7, Optical Valley Software Park
Guanshan Avenue, East Lake Hi-Tech Zone
Wuhan
Hubei
430073
China

Registered Activities

Design of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 E

Latest Revision Date: 2017-05-09 E

Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 13 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

China

Huawei Technologies Co., Ltd.
Wuhan Research Institute
Huawei Device (Wuhan)
Qibu Region One, Wuhan Future City
No. 999 Gaoxin Avenue
East Lake High-Tech Zone
Wuhan
Hubei
430074

Registered Activities

Design of fixed access products, radio access products, core transport network network products, products, communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 14 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

China

Huawei Technologies Service Co., Ltd.
West of Wangjing Avenue
Economic and Technology Development Zone
Langfang
Hebei
065001

Registered Activities

Sales, procurement and services of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09

Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 15 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Technologies Co., Ltd.
Nanjing Research Institute
Huawei Software Technologies Co., Ltd.
No. 101 Software Avenue

Nanjing

Yuhuatai District

Jiangsu

210012

China

Registered Activities

Design of fixed access products, radio access products, core transport network network products, products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design of business support system products, network management system and tool products, digital products, enterprise service products, cloud computing and data center products, server products and security products by Huawei Software.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 16 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Digital Technologies (Suzhou)

Co., Ltd.

Building A3

Innovation and Industrial Park

No. 328 Xinghu Street

Suzhou

Jiangsu

215123

China

Registered Activities

Design of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 17 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Technologies Co., Ltd. Hangzhou Research Institute Building 4 No. 410 Jianghong Road Binjiang District Hangzhou Zhejiang 310052 China

Registered Activities

Design of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 18 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Technologies Co., Ltd. Chengdu Research Institute No. 1899 Xiyuan Avenue Hi-Tech Western District Chengdu Sichuan 610041 China

Registered Activities

Design of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 19 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Brazil

Huawei do Brasil Telecomunicacoes Ltda. Huawei Office Street Jerome Case 2600-Eden-Zip Code 18087-220-Sorocaba Sao Paulo

Registered Activities

Supply center, supply chain management, procurement and manufacture of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products).

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 20 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Technologies Hungary KFT. 1093 Budapest, Kozraktar u.30-32. Riverpark Office Building 1st Floor Hungary

Registered Activities

Supply center, supply chain management, procurement and manufacture of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products).

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 21 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Technologies De Mexico Carretera Base Aerea 5850 Col. La Mora Edificio 18 CP 45136 Zapopan Jalisco Mexico

Registered Activities

Supply center, supply chain management, procurement and manufacture of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products).

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 22 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Telecommunications (India) Co. Pvt. Ltd. Plot K-24, Sipcot Industrial Park Nearby EB Substation Sriperumbuthur, Chennai Tamil Nadu-602105 India

Registered Activities

Supply center, supply chain management, procurement and manufacture of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products).

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 23 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

Location

Huawei Tech (UAE) FZ-LLC G02, Building EIB 04 (StarHolding Building) DIC, Dubai United Arab Emirates

Registered Activities

Supply center, supply chain management, procurement and manufacture of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products).

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 24 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of TL9000-H-S-V requirements may be obtained by consulting the organization.

The IT product identified in this certificate has been evaluated at the Norwegian evaluation facility described on this certificate using Common Methodology for IT Security Evaluation, according to the version number described on this certificate, for conformance to the Common Criteria for IT Security Evaluation according to the version number described on this certificate. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification report. The evaluation has been conducted in accordance with the provisions of The Norwegian Certification Authority for IT Security (SERTIT) and the conclusions of the evaluation technical report are consistent with the evidence adduced. Certification does not quarantee that the IT product is free from security vulnerabilities. This certificate only reflects the view of SERTIT at the time of certification. It is furthermore the responsibility of users (both existing and prospective) to check whether any security vulnerabilities have been discovered since the date shown of this certificate. This certificate is not an endorsement of the IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, and no warranty of the IT product by SERTIT or by any other certificate, is either expressed or implied.

Certificate

Product Manufacturer: Huawei Technologies

Product Name: Huawei UGW9811

Type of Product: Service Network Controller

Version and Release Numbers: Version V900R010

Build: ENGCOOSPC200

Assurance Package: EAL 3 augmented with ALC CMC.4

Evaluation Criteria: Common Criteria version 3.1R4 (ISO/IEC 15408)

Name of IT Security Evaluation Facility: Brightsight B.V.

Name of Certification Body: SERTIT

Certification Report Identifier: SERTIT-053 CR, issue 1.0, 13 December 2013

Certificate Identifier: SERTIT-053 C

Date Issued: 13 December 2013

Kjartan Jæger Kvassnes

Certifier

Kran Sorga Lars Borgos

GWW Bugan Kjell Werner Bergan





evaluated at the Norwegian evaluation facility described on this certificate using Common Methodology for IT Security Evaluation, according to the version number described on this certificate, for conformance to the Common Criteria for IT Security Evaluation according to the version number described on this certificate. This certificate applies only to the specific version and The evaluation has been conducted in accordance with the provisions of The Norwegian Certification Authority for IT Security (SERTIT) and the conclusions of the evaluation vulnerabilities have been discovered since the date shown of

Certificate

Product Manufacturer: Huawei Technologies

Product Name: Huawei USN9810

Type of Product: Unified Service Node

Version and Release Numbers: Version V900R012

Build: COOSPC300

Assurance Package: EAL 3 augmented with ALC_CMC.4

Evaluation Criteria: Common Criteria version 3.1R4 (ISO/IEC 15408)

Name of IT Security Evaluation Facility: Brightsight B.V.

Name of Certification Body: SERTIT

Certification Report Identifier: SERTIT-054 CR, issue 1.0, 7 March 2014

Certificate Identifier: SERTIT-054 C

Date Issued: 7 March 2014

Kjartan Jæger Kvassnes

Certifier

Lars Borgos

Quality Assurance

Kjull W. Bergan

Kjell Werner Bergan Head of SERTIT





The IT product identified in this certificate has been evaluated at the Norwegian evaluation facility described an this certificate using Common Methodology for IT Security Evaluation, according to the version number described on this certificate, for conformance to the Common Criteria for IT Security Evaluation according to the version number described on this certificate. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification report. The evaluation has been conducted in accordance with the provisions of The Norwegian Certification Authority for IT Security (SERTIT) and the conclusions of the evaluation technical report are consistent with the evidence adduced. Certification does not guarantee that the IT product is free from security vulnerabilities. This certificate only reflects the view of SERTIT at the time of certification. It is furthermore the responsibility of users (both existing and prospective) to check whether any security vulnerabilities have been discovered since the date shown of this certificate. This certificate is not an endorsement of the IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, and no warranty of the IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, is either expressed or implied.

Certificate

Product Manufacturer: Huawei Technologies

Product Name: USP running on Huawei Transmission Equipment Series (WDM/OTN, SDH/MSTP,

RTN)

Type of Product: Switch

Version and Release Numbers: Version V100R013C00

Assurance Package: EAL 3 augmented with ALC_FLR.2

Evaluation Criteria: Common Criteria version 3.1R4 (ISO/IEC 15408)

Name of IT Security Evaluation Facility: Brightsight B.V.

Name of Certification Body: SERTIT

Certification Report Identifier: SERTIT-065 CR, issue 1.0, 2 June 2015

Certificate Identifier: SERTIT-065 C

Date Issued: 2 June 2015

Kjartan Jæger Kvassnes

Certifier

Arne Høye Rage

And II. Ruge

Quality Assurance

Øystein Hole

Øystein Hole

Head of SERTIT







The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for Information Technology Security Evaluation, version 3.1, for conformance to the Common Criteria for Information Technology Security Evaluation, version 3.1. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification/Validation report. The evaluation has been conducted in accordance with the provisions of the SP IT Security Evaluation and Certification Scheme, PRE/2740/2007 September 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Scheme or organisation that recognises or gives effect to this certificate, is either expressed or implied.







m accordance with the authority granted under Act 11/2002, regulating the National Intelligence Centre, and applying articles 1 and 2, second paragraph, letter c, of Royal Decree 421/2004, March 12th, regulating the National Cryptologic Centre, I hereby:

Certify that the security of the "Huawei WiMAX BS Software", version V300R003C01SPC100, application software, developed by Huawei Technologies Co., Ltd., Bantian, Longgang, Shenzhen 518129, PR of China, fulfills its Security Target identified as "Security Target of Huawei WiMAX BS Software, v0.94", October 10th 2011, to the extent defined by the evaluation assurance level EAL3+ (ALC_CMC.4; ALC_CMS.4), using the norms "Common Criteria for Information Technology Security Evaluation" and "Common Methodology for Information Technology Security Evaluation", version 3.1 R3.

Claimed Protection Profiles:

None

Evaluated Platform:

None

Evaluation Facility:

EPOCHE & ESPRI

Certification Report:

INF-859

This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The above-mentioned Security Target and Certification Report are available at the National Cryptologic Centre.

Madrid, April 3rd 2012 Secretary of State Director





Félix Sanz Roldán







CERTIFICATE

CCN-CC-014/2017

Huawei 3900 Series LTE eNodeB Software (a.k.a. eNodeB) version V100R011C10SPC112T

Type of product Conformance of functionality Evaluation Facility Certification Report Expiration date Software
Product specific Security Target – CC Part 2 conformant
Epoche and Espri S.L.U.
CCN-CC/2015-06/INF-2036
See Certification Report

Pursuant to the authority vested in me under Act 11/2002 regulating the National Intelligence Centre, and under Article 1 and Article 2.2.c of Royal Decree 421/2004 of March 12th regulating the National Cryptologic Centre, I hereby:

Certify that the security of "Huawei 3900 Series LTE eNodeB Software (a.k.a. eNodeB) version V100R011C10SPC112T", developed by Huawei Technologies Co., Ltd. Bantian, Longgang District, Shenzhen, 518129, People Republic of China, has been evaluated using the "Common Methodology for Information Technology Security Evaluation", version 3.1 revision 4 and the "Common Criteria for Information Technology Security Evaluation", and it has met the requirements of its Security Target identified as "Security Target of Huawei 3900 Series LTE eNodeB Software", version: 0.24, 20/06/2017, for evaluation assurance level EAL4 augmented by ALC_FLR.1.



Madrid, September 29th, 2017 Secretary of State Director

Félix Sanz Roldán



This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for IT Security Evaluation, version 3.1.R4 and CC Supporting Documents as listed in the Certification Report, for conformance to the Common Criteria for IT Security Evaluation, version 3.1.R4. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification Report. The evaluation has been conducted in accordance with the provisions of the Spanish IT Security Evaluation and Certification Scheme, PRE/2740/2007 September the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, is either expressed or implied.







CERTIFICATE

CCN-CC-013/2017

Huawei Eudemon8000E-X/USG9500 Series Firewall version V300R001C01SPC300B113

Type of product
Conformance of functionality
Evaluation Facility
Certification Report
Expiration date

Network Devices
Product specific Security Target – CC Part 2 conformant
Epoche & Espri S.L.U.
CCN-CC/2016-40/INF-2019
See Certification Report

Pursuant to the authority vested in me under Act 11/2002 regulating the National Intelligence Centre, and under Article 1 and Article 2.2.c of Royal Decree 421/2004 of March 12th regulating the National Cryptologic Centre, I hereby:

Certify that the security of "Huawei Eudemon8000E-X/USG9500 Series Firewall version V300R001C01SPC300B113", developed by HUAWEI Technologies Co., Ltd, F4 F Area Administration Building, Headquarters of Huawei Technologies Co., Ltd. Bantian Longgang District, Shenzhen 518129 P.R. China, has been evaluated using the "Common Methodology for Information Technology Security Evaluation", version 3.1 R4 and the "Common Criteria for Information Technology Security Evaluation", and it has met the requirements of its Security Target identified as "Huawei Eudemon8000E-X/USG9500 Series Firewall V300R001C01SPC300B113 Security Target, version 1.3, (May 5, 2017)", for evaluation assurance level EAL4 + ALC_FLR.1.



Madrid, September 7th, 2017 Secretary of State Director

Félix Sanz Roldán



This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for IT Security Evaluation, version 3.1.R4 and CC Supporting Documents as listed in the Certification Report, for conformance to the Common Criteria for IT Security Evaluation, version 3.1.R4. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification Report. The evaluation has been conducted in accordance with the provisions of the Spanish IT Security Evaluation and Certification Scheme, PRE/2740/2007 September the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, is either expressed or implied.

The IT product identified in this certificate has been evaluated at the Norwegian evaluation facility described on this certificate using Common Methodology for IT Security Evaluation, according to the version number described on this certificate, for conformance to the Common Criteria for IT Security Evaluation according to the version number described on this certificate. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification report The evaluation has been conducted in accordance with the provisions of The Norwegian Certification Authority for IT Security (SERTIT) and the conclusions of the evaluation technical report are consistent with the evidence adduced. Certification does not quarantee that the IT product is free from security vulnerabilities. This certificate only reflects the view of SERTIT at the time of certification. It is furthermore the responsibility of users (both existing and prospective) to check whether any security vulnerabilities have been discovered since the date shown of this certificate. This certificate is not an endorsement of the IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, and no warranty of the IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, is either expressed or implied.

Certificate

Product Manufacturer: Huawei Technologies

Product Name: Huawei S-Series Ethernet Switches

Type of Product: Switches

Version and Release Numbers: Versions are detailed in the Certification Report

Assurance Package: EAL 3 augmented with ALC FLR.2

Evaluation Criteria: Common Criteria v. 3.1 R4

Name of IT Security Evaluation Facility: Brightsight B.V.

Name of Certification Body: SERTIT

Certification Report Identifier: SERTIT-088 CR Issue 1.0, 25. November 2016

Certificate Identifier: SERTIT-088 C

Date Issued: 25. November 2016

Quality Assurance

Kristian Bae Head of SERTIT

KintiBae







The IT product identified in this certificate has been evaluated at the Norwegian evaluation facility described on this certificate using Common Methodology for IT Security Evaluation, according to the version number described on this certificate, for conformance to the Common Criteria for IT Security Evaluation according to the version number described on this certificate. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification report. The evaluation has been conducted in accordance with the provisions of The Norwegian Certification Authority for IT Security (SERTIT) and the conclusions of the evaluation technical report are consistent with the evidence adduced. Certification does not quarantee that the IT product is free from security vulnerabilities. This certificate only reflects the view of SERTIT at the time of certification. It is furthermore the responsibility of users (both existing and prospective) to check whether any security vulnerabilities have been discovered since the date shown of this certificate. This certificate is not an endorsement of the IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, and no warranty of the IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, is either expressed or implied.

Certificate

Product Manufacturer: Huawei Technology Co. Ltd.

Product Name: AR Series Routers

Type of Product: Network Devices

Version and Release Numbers: V200R006C10SPC030. Details presented in Certification Report.

Assurance Package: EAL3 augmented with ALC_FLR.2

Evaluation Criteria: Common Criteria v. 3.1 R4

Name of IT Security Evaluation Facility: Brightsight B.V.

Name of Certification Body: SERTIT

Certification Report Identifier: SERTIT-070 CR, Issue 1.0, 23 November 2015

Certificate Identifier: SERTIT-070 C

Date Issued: 23 November 2015

Kjartan Kvassnes

Certifier

Arne Høye Rage Quality Assurance

Øystein Hole Head of SERTIT







The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for Information Technology Security Evaluation, version 3.1, for conformance to the Common Criteria for Information Technology Security Evaluation, version 3.1. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification/Validation report. The evaluation has been conducted in accordance with the provisions of the SP IT Security Evaluation and Certification Scheme, PRE/2740/2007 September 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Scheme or organisation that recognises or gives effect to this certificate, is either expressed or implied.







In accordance with the authority granted under Act 11/2002, regulating the National Intelligence Centre, and applying articles 1 and 2, second paragraph, letter c, of Royal Decree 421/2004, March 12th, regulating the National Cryptologic Centre, I hereby:

Certify that the security of the "HUAWEI BSC6900 Multimode Base Station Controller Software", version V900R013C01SPC010, application software, developed by Huawei Technologies Co., Ltd., Bantian, Longgang, Shenzhen 518129, PR of China, fulfills its Security Target identified as "Huawei BSC6900 Multimode Base Station Controller Software Security Target", version 1.07, December 20th 2011, to the extent defined by the evaluation assurance level EAL3+ (ALC_CMC.4; ALC_CMS.4), using the norms "Common Criteria for Information Technology Security Evaluation" and "Common Methodology for Information Technology Security Evaluation", version 3.1 R3.

Claimed Protection Profiles: None Evaluated Platform: None

Evaluation Facility: EPOCHE & ESPRI

Certification Report: INF-831

This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The above-mentioned Security Target and Certification Report are available at the National Cryptologic Centre.





Madrid, March 7th 2012 Secretary of State Director

Félix Sanz Roldán







In accordance with the authority granted under Act 11/2002, regulating the National Intelligence Centre, and applying articles 1 and 2, second paragraph, letter c, of Royal Decree 421/2004, regulating the National Cryptologic Centre, I hereby:

Certify that the security of the Huawei NetEngine40E/CX600 Universal Service Router V600R001, developed by Huawei Technologies Co.Ltd., whose address is Bantian, Longgang Shenzhen 518129, P.R.China, fulfills its Security Target identified as "Huawei NetEngine40E/CX600 Universal Service Router V600R001. Security Target" v0.68, February 2011, to the extent defined by the evaluation assurance level EAL3, using the norms "Common Criteria for Information Technology Security Evaluation" and "Common Methodology for Information Technology Security Evaluation", version 3.1.

Claimed Protection Profiles:

None

Evaluated Plataform:

None

Evaluation Facility:

LGAI-APPLUS

Certification Report:

INF-682

This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The above-mentioned Security Target and Certification Report are available at the National Cryptologic Centre.

CCN



Madrid, July 12 2011 Secretary of State Director

Félix Sanz Roldán







CERTIFICATE

CCN-CC-013/2017

Huawei Eudemon8000E-X/USG9500 Series Firewall version V300R001C01SPC300B113

Type of product
Conformance of functionality
Evaluation Facility
Certification Report
Expiration date

Network Devices
Product specific Security Target – CC Part 2 conformant
Epoche & Espri S.L.U.
CCN-CC/2016-40/INF-2019
See Certification Report

Pursuant to the authority vested in me under Act 11/2002 regulating the National Intelligence Centre, and under Article 1 and Article 2.2.c of Royal Decree 421/2004 of March 12th regulating the National Cryptologic Centre, I hereby:

Certify that the security of "Huawei Eudemon8000E-X/USG9500 Series Firewall version V300R001C01SPC300B113", developed by HUAWEI Technologies Co., Ltd, F4 F Area Administration Building, Headquarters of Huawei Technologies Co., Ltd. Bantian Longgang District, Shenzhen 518129 P.R. China, has been evaluated using the "Common Methodology for Information Technology Security Evaluation", version 3.1 R4 and the "Common Criteria for Information Technology Security Evaluation", and it has met the requirements of its Security Target identified as "Huawei Eudemon8000E-X/USG9500 Series Firewall V300R001C01SPC300B113 Security Target, version 1.3, (May 5, 2017)", for evaluation assurance level EAL4 + ALC_FLR.1.



Madrid, September 7th, 2017 Secretary of State Director

Félix Sanz Roldán



This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for IT Security Evaluation, version 3.1.R4 and CC Supporting Documents as listed in the Certification Report, for conformance to the Common Criteria for IT Security Evaluation, version 3.1.R4. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification Report. The evaluation has been conducted in accordance with the provisions of the Spanish IT Security Evaluation and Certification Scheme, PRE/2740/2007 September the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, is either expressed or implied.



National Information Assurance Partnership

Common Criteria Certificate

is awarded to



for





The IT product identified in this certificate has been evaluated at an accredited testing laboratory using the Common Methodology for IT Security Evaluation (Version 3.1) for conformance to the Common Criteria for IT Security Evaluation (Version 3.1). This certificate applies only to the specific version and release of the product in its evaluated configuration. The product's functional and assurance security specifications are contained in its security target. The evaluation has been conducted in accordance with the provisions of the NIAP Common Criteria Evaluation and Validation Scheme and the conclusions of the testing laboratory in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by any agency of the U.S. Government and no warranty of the IT product is either expressed or implied.

Date Issued: 2016-05-24

Validation Report Number: CCEVS-VR-VID10685-2016

CCTL: Gossamer Security Solutions

Assurance Level: PP Compliant

Protection Profile Identifier:

Protection Profile for Mobile Device Fundamentals Version 2.0

Director, Common Criteria Evaluation and Validation Scheme
National Information Assurance Partnership

Information Assurance Director National Security Agency

on this certificate using Common Methodology for IT Security Evaluation, according to the version number Common Criteria for IT Security Evaluation according to The evaluation has been conducted in accordance with the IT Security (SERTIT) and the conclusions of the evaluation technical report are consistent with the evidence adduced. Certification does not quarantee that the IT product is free from security vulnerabilities. This certificate only reflects It is furthermore the responsibility of users (both existing vulnerabilities have been discovered since the date shown of IT product by SERTIT or by any other organization that warranty of the IT product by SERTIT or by any other

Certificate

Product Manufacturer: Huawei Technologies

Product Name: Huawei CloudEngine Series Switch

Type of Product: Switch

Version and Release Numbers: Version V100R002

Build: COOSPC200

Assurance Package: EAL 3 augmented with ALC_CMC.4

Evaluation Criteria: Common Criteria version 3.1R4 (ISO/IEC 15408)

Name of IT Security Evaluation Facility: Brightsight B.V.

Name of Certification Body: SERTIT

Certification Report Identifier: SERTIT-057 CR, issue 1.0, 23 May 2014

Certificate Identifier: SERTIT-057 C

Date Issued: 23 May 2014

Kjartan Jæger Kvassnes

Certifier

Ame H. Rouge Quality Assurance

Kjell Werner Bergan

Head of SERTIT













Certificate of Registration

INFORMATION SECURITY MANAGEMENT SYSTEM - ISO/IEC 27001:2013

This is to certify that: Huawei Software Technologies Co. Ltd

Building1-A, Cloud Park

No.2018 Huanchengbei Road, Bantian Str

Longgang District

Shenzhen Guangdong 518129 China 华为软件技术有限公司

中国 广东省 深圳龙岗

坂田街道环城北路2018号 天安云谷产业园一期1栋A座

邮编: 518129

Holds Certificate No: IS 637452

and operates an Information Security Management System which complies with the requirements of ISO/IEC 27001:2013 for the following scope:

Please see scope page.

For and on behalf of BSI:

Chris Cheung, Head of Compliance & Risk - Asia Pacific

Original Registration Date: 22/01/2016 Effective Date: 22/01/2016 Expiry Date: 21/01/2019







...making excellence a habit."

Page: 1 of 3

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated **online**.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of ISO/IEC 27001:2013 requirements may be obtained by consulting the organization.

This certificate is valid only if provided original copies are in complete set.

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 845 080 9000 BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK. A Member of the BSI Group of Companies.

Certificate No: **IS 637452**

Registered Scope:

The information security management of the following areas:

The Provision of Design, Research and Development, Operation and Maintenance Services of Consumer Cloud Services, including HiCloud Services (Account and PUSH), Online Upgrader, Online Themes, HiCare, HiGame, HomeCloud (Wears and Health of Sporting), With Cloud Security STAR award. This is in accordance with the Statement of Application, Version 1.1, issued on Aug. 20th, 2015. 信息安全管理活动包括:

提供华为消费者云服务,包括华为云服务(含账号,PUSH)、在线升级、在线主题、手机服务、游戏中心、家庭云(穿戴,运动健康)设计、研发、运营和运维服务的信息安全管理,并通过云安全STAR评估。这与2015年8月20日1.1版本的适用性声明相一致。



Original Registration Date: 22/01/2016 Effective Date: 22/01/2016

Latest Revision Date: 22/01/2016 Expiry Date: 21/01/2019

Page: 2 of 3

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000. Further clarifications regarding the scope of this certificate and the applicability of ISO/IEC 27001:2013 requirements may be obtained by consulting the organization. This certificate is valid only if provided original copies are in complete set.

Certificate No: IS 637452

Location

Huawei Software Technologies Co. Ltd Building1-A, Cloud Park No.2018 Huanchengbei Road, Bantian Str Longgang District Shenzhen Guangdong 518129 China

华为软件技术有限公司 中国 广东省 深圳龙岗

坂田街道环城北路2018号 天安云谷产业园一期1栋A座

邮编: 518129

Fenlan Itamerenkatu 9 00180 Helsinki

Finland

Huawei Software Technologies Co. Ltd Nanjing R&D Center 101 Software Avenue Yuhuatai District Nanjing Jiangsu 210012

China 华为软件技术有限公司南京研发中心 中国 江苏省

南京市 雨花台区 软件大道101号 邮编: 210012

Original Registration Date: 22/01/2016 Latest Revision Date: 22/01/2016

Registered Activities

The information security management of the following areas:

The Provision of Design, Research and Development, Operation and Maintenance Services of Consumer Cloud Services, including HiCloud Services (Account and PUSH), Online Upgrader, Online Themes, HiCare, HiGame, HomeCloud (Wears and Health of Sporting), With Cloud Security STAR award.

This is in accordance with the Statement of Application, Version 1.1, issued on Aug. 20th, 2015.

信息安全管理活动包括:

提供华为消费者云服务,包括华为云服务(含账号,PUSH)、在线升级、在线主题、手机服务、游戏中心、家庭云(穿 戴,运动健康)设计、研发、运营和运维服务的信息安全管 理,并通过云安全STAR评估。

这与2015年8月20日1.1版本的适用性声明相一致。

The information security management of the following areas:

The Provision of Operation and Maintenance Services of Consumer Cloud Services, including HiCare, Online Upgrader and Online Themes, With Cloud Security STAR award. This is in accordance with the Statement of Application, Version 1.1, issued on Aug. 20th, 2015. 提供华为消费者云服务,包括手机服务、在线升级、在线主题

运营和运维服务的信息安全管理,并通过云安全STAR评估。 这与2015年8月20日1.1版本的适用性声明相一致。

The information security management of the following areas:

The Provision of Design, Research and Development of Consumer Cloud Services, including HiCloud Services (Account and PUSH), Online Upgrader, Online Themes, HiCare, HiGame, HomeCloud (Wears and Health of Sporting), With Cloud Security STAR award.

This is in accordance with the Statement of Application, Version 1.1, issued on Aug. 20th, 2015.

提供华为消费者云服务,包括华为云服务(含账号, PUSH)、在线升级、在线主题、手机服务、游戏中心、家庭云(穿 戴,运动健康)设计、研发的信息安全管理,并通过云安全

这与2015年8月20日1.1版本的适用性声明相一致。

Effective Date: 22/01/2016 Expiry Date: 21/01/2019

Page: 3 of 3

This certificate relates to the information security management system, and not to the products or services of the certified organisation. The certificate reference number, the mark of the certification body and/or the accreditation mark may not be shown on products or stated in documents regarding products or services. Promotion material, advertisements or other documents showing or referring to this certificate, the trademark of the certification body, or the accreditation mark, must comply with the intention of the certificate. The certificate does not of itself confer immunity on the certified organisation from legal obligations.

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000.

Further clarifications regarding the scope of this certificate and the applicability of ISO/IEC 27001:2013 requirements may be obtained by consulting the organization. This certificate is valid only if provided original copies are in complete set.

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 845 080 9000 BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK. A Member of the BSI Group of Companies.







CERTIFICATE

CCN-CC-007/2016

Eudemon200E-N(USG6300&6500) Series Firewall SW version: V100R001C20SPC100B021

Type of product Conformance of functionality Evaluation Facility Certification Report Expiration date Network Devices
Product specific Security Target – CC Part 2 conformant
EPOCHE & ESPRI S.L.U
CCN-CC/2014-10/INF-1601
See Certification Report

Pursuant to the authority vested in me under Act 11/2002 regulating the National Intelligence Centre, and under Article 1 and Article 2.2.c of Royal Decree 421/2004 of March 12th regulating the National Cryptologic Centre, I hereby:

Certify that the security of "Eudemon200E-N(USG6300&6500) Series Firewall SW version: V100R001C20SPC100B021" developed by Huawei Technologies Co., Ltd, Huawei Industrial Base Bantian Longgang, Shenzhen 518129, P.R.China, has been evaluated using the "Common Methodology for Information Technology Security Evaluation", version 3.1 R4 and the "Common Criteria for Information Technology Security Evaluation", and it has met the requirements of its Security Target identified as "Eudemon200E-N(USG6300&6500) Series Firewall ST, version 1.13, October 2015", for evaluation assurance level EAL4 augmented by ALC_FLR.1.



Madrid, April 22nd, 2016 Secretary of State Director

Félix Sanz Roldán



This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for IT Security Evaluation, version 3.1.R4 and CC Supporting Documents as listed in the Certification Report, for conformance to the Common Criteria for IT Security Evaluation, version 3.1.R4. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification Report. The evaluation has been conducted in accordance with the provisions of the Spanish IT Security Evaluation and Certification Scheme, PRE/2740/2007 September the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, is either expressed or implied.







CERTIFICATE

CCN-CC-008/2016

Eudemon1000E-N (USG6600) Series Firewall SW version: V100R001C20SPC100B021

Type of product
Conformance of functionality
Evaluation Facility
Certification Report
Expiration date

Network Devices
Product specific Security Target – CC Part 2 conformant
EPOCHE & ESPRI S.L.U
CCN-CC/2014-11/INF-1611
See Certification Report

Pursuant to the authority vested in me under Act 11/2002 regulating the National Intelligence Centre, and under Article 1 and Article 2.2.c of Royal Decree 421/2004 of March 12th regulating the National Cryptologic Centre, I hereby:

Certify that the security of "Eudemon1000E-N (USG6600) Series Firewall SW version: V100R001C20SPC100B021" developed by Huawei Technologies Co., Ltd, Huawei Industrial Base Bantian Longgang, Shenzhen 518129, P.R.China, has been evaluated using the "Common Methodology for Information Technology Security Evaluation", version 3.1 R4 and the "Common Criteria for Information Technology Security Evaluation", and it has met the requirements of its Security Target identified as "Eudemon1000E-N(USG6600) Series Firewall Security Target, Version 1.13, October 2015" for evaluation assurance level EAL4 augmented by ALC_FLR.1.



Madrid, April 25th, 2016 Secretary of State Director

Félix Sanz Roldán



This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for IT Security Evaluation, version 3.1.R4 and CC Supporting Documents as listed in the Certification Report, for conformance to the Common Criteria for IT Security Evaluation, version 3.1.R4. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification Report. The evaluation has been conducted in accordance with the provisions of the Spanish IT Security Evaluation and Certification Scheme, PRE/2740/2007 September the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, is either expressed or implied.







CERTIFICATE

CCN-CC-009/2016

Huawei Eudemon 8000E-X/USG9500 Series Firewall SW version: V300R001C01SPC300B113

Type of product Conformance of functionality Evaluation Facility Certification Report Expiration date Network Devices

Product specific Security Target – CC Part 2 conformant

EPOCHE & ESPRI S.L.U

CCN-CC/2014-12/INF-1600

See Certification Report

Pursuant to the authority vested in me under Act 11/2002 regulating the National Intelligence Centre, and under Article 1 and Article 2.2.c of Royal Decree 421/2004 of March 12th regulating the National Cryptologic Centre, I hereby:

Certify that the security of "Huawei Eudemon 8000E-X/USG9500 Series Firewall SW version: V300R001C01SPC300B113" developed by Huawei Technologies Co., Ltd, Huawei Industrial Base Bantian Longgang, Shenzhen 518129, P.R.China, has been evaluated using the "Common Methodology for Information Technology Security Evaluation", version 3.1 R4 and the "Common Criteria for Information Technology Security Evaluation", and it has met the requirements of its Security Target identified as "Huawei Eudemon 8000E-X/USG9500 Series Firewall V300R001C01SPC300 Security Target, version 1.20, December 2015" for evaluation assurance level EAL3 augmented by ALC_CMC.4 and ALC_CMS.4.



Madrid, April 25th , 2016 Secretary of State Director

Félix Sanz Roldán

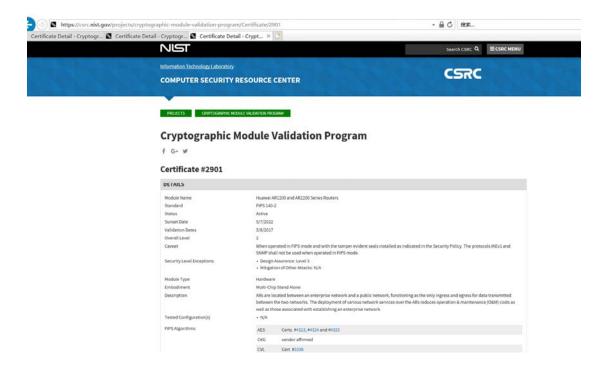


This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for IT Security Evaluation, version 3.1.R4 and CC Supporting Documents as listed in the Certification Report, for conformance to the Common Criteria for IT Security Evaluation, version 3.1.R4. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification Report. The evaluation has been conducted in accordance with the provisions of the Spanish IT Security Evaluation and Certification Scheme, PRE/2740/2007 September the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, is either expressed or implied.

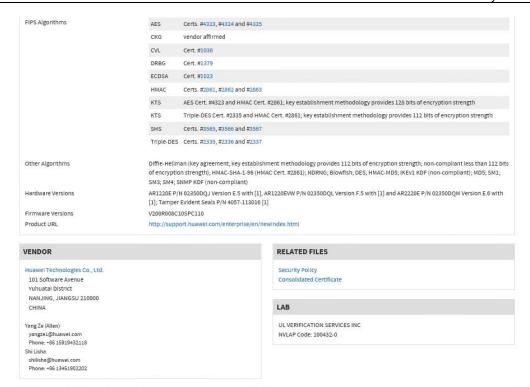
Document Title Security Level

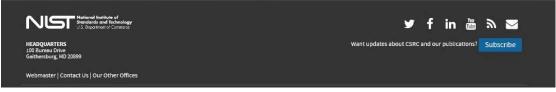
https://csrc.nist.gov/projects/cryptographic-module-validation-program/Certificate/2901





Document Title Security Level

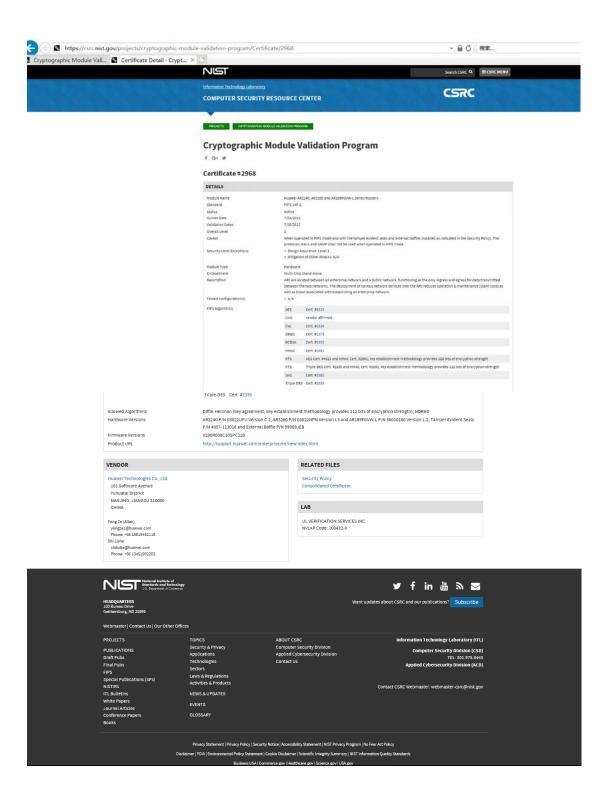






Document Title Security Level

https://csrc.nist.gov/projects/cryptographic-module-validation-program/Certificate/2968



COMPUTER SECURITY RESOURCE CENTER



PROJECTS

CRYPTOGRAPHIC MODULE VALIDATION PROGRAM

Cryptographic Module Validation Program

f G+ 🛩

Certificate #2971

DETAILS

Module Name

Huawei S5720-El Series Switches

Standard

FIPS 140-2

Status

Active

Sunset Date

7/26/2022

Validation Dates

7/27/2017

Overall Level

2

Caveat

When operated in FIPS mode and with the tamper evident seals and external baffles installed as indicated in the Security Policy. The protocol SNMP shall not be used when operated in FIPS mode.

Security Level Exceptions

• Roles, Services, and Authentication: Level 3

• Design Assurance: Level 3

• Mitigation of Other Attacks: N/A

Module Type

Hardware

Embodiment

Multi-Chip Stand Alone

Description

The S5720 series Ethernet switches are next-generation energy-saving switches developed by Huawei to meet the demand for high-bandwidth access and Ethernet multi-service aggregation. Based on cutting-edge hardware and Huawei Versatile Routing Platform (VRP) software, the S5720 provides a large switching capacity, high reliability (double power slots and hardware Ethernet OAM), and high-density GE ports to accommodate 10 Gbit/s upstream transmissions. The S5720 is available in a lite (LI) series, a standard (SI) series, an enhanced (EI) series, and a hyper (HI) series.

Tested Configuration(s)

N/A

FIPS Algorithms

AES Cert. #4400

CKG vendor affirmed

CVL Cert. #1107

DRBG Cert. #1418

DSA Cert. #1175

ECDSA Cert. #1057

HMAC Cert. #2924

KTS AES Cert. #4400 and HMAC Cert. #2924; key establishment

methodology provides 128 or 256 bits of encryption strength

KTS Triple-DES Cert. #2372 and HMAC Cert. #2924; key establishment

methodology provides 112 bits of encryption strength

RSA Cert. #2380

SHS Cert. #3627

Triple-DES Cert. #2372

Allowed Algorithms

Diffie-Hellman (key agreement; key establishment methodology provides 112 bits of encryption strength); MD5; NDRNG; RSA (key wrapping; key establishment methodology provides 112 bits of encryption strength)

Hardware Versions

S5720-36C-EI-28S-AC P/N 02359503 Version M.2, S5720-36C-EI-AC P/N 02359562 Version M.2, S5720-56C-EI-AC P/N 02359504 Version K.2, S5720-36C-PWR-EI-AC P/N 02359573 Version L.3 and S5720-56C-PWR-EI-AC P/N 02359576 Version L.2 all with Tamper Seals P/N 4057-113016 and External Baffle P/N 99089JEB

Firmware Versions

V200R010C00SPC900B900

Product URL

http://support.huawei.com/enterprise/en/newindex.html

VENDOR

Huawei Technologies Co., Ltd.

101 Software Avenue

Yuhuatai District

NANJING, JIANGSU 210000

CHINA

Yang Ze (Allen)

yangze1@huawei.com

Phone: +86 15919432118

Liu Pinping

liupinping@huawei.com

Phone: +86 15850529039

RELATED FILES

Security Policy

Consolidated Certificate

LAB

UL VERIFICATION SERVICES INC

NVLAP Code: 100432-0

HEADQUARTERS

100 Bureau Drive Gaithersburg, MD 20899













Want updates about CSRC and our publications? Subscribe

Webmaster | Contact Us | Our Other Offices

PROJECTS

PUBLICATIONS

Draft Pubs

Final Pubs

FIPS

Special Publications (SPs)

NISTIRs

ITL Bulletins

White Papers

Journal Articles

Conference Papers

Books

TOPICS

Security & Privacy

Applications

The IT product identified in this certificate has been evaluated at the Norwegian evaluation facility described on this certificate using Common Methodology for IT Security Evaluation, according to the version number described on this certificate, for conformance to the Common Criteria for IT Security Evaluation according to the version number described on this certificate. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification report. The evaluation has been conducted in accordance with the provisions of The Norwegian Certification Authority for IT Security (SERTIT) and the conclusions of the evaluation technical report are consistent with the evidence adduced. Certification does not quarantee that the IT product is free from security vulnerabilities. This certificate only reflects the view of SERTIT at the time of certification. It is furthermore the responsibility of users (both existing and prospective) to check whether any security vulnerabilities have been discovered since the date shown of this certificate. This certificate is not an endorsement of the IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, and no warranty of the IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, is either expressed or implied.

Certificate

Product Manufacturer: Huawei Technology Co. Ltd.

Product Name: FusionSphere

Type of Product: Other Devices and Systems

Version and Release Numbers: V5

Assurance Package: EAL3 augmented with ALC_FLR.2

Evaluation Criteria: Common Criteria v. 3.1 R4

Name of IT Security Evaluation Facility: Brightsight B.V.

Name of Certification Body: SERTIT

Certification Report Identifier: SERTIT-064 CR, issue 1.0, 23 November 2015

Certificate Identifier: SERTIT-064 C

Date Issued: 23 November 2015

Kjartan Kvassnes Certifier Arne Høye Rage
Quality Assurance

Øystein Hole Head of SERTIT













In accordance with the authority granted under Act 11/2002, regulating the National Intelligence Centre, and applying articles 1 and 2, second paragraph, letter c, of Royal Decree 421/2004, 12th March, regulating the National Cryptologic Centre, I hereby:

Certify that the security of GBTS Software, V100R013C01, developed by Huawei Technologies Co., Ltd., Bantian Longgang District Shenzhen 518129, P.R. China, fulfills its Security Target identified as "Huawei GBTS Software Security Target", version 1.30, to the extent defined by the evaluation assurance level EAL3+ (ALC_CMC.4, ALC_CMS.4), using the norms "Common Criteria for Information Technology Security Evaluation" and "Common Methodology for Information Technology Security Evaluation", version 3.1.

Claimed Protection Profiles: none Evaluated Platform: none

Evaluation Facility: Epoche & Espri

Certification Report: INF-811

This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, september the 19th.

The above-mentioned Security Target and Certification Report are available at the National Cryptologic Centre.





Madrid, February 23rd 2012 Secretary of State Director

Félix Sanz Roldán

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for Information Technology Security Evaluation, version 3.1, for conformance to the Common Criteria for Information Technology Security Evaluation, version 3.1. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification/Validation report. The evaluation has been conducted in accordance with the provisions of the SP IT Security Evaluation and Certification Scheme, PRE/2740/2007 september the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Scheme or by any other organisation that recognises or gives effect to this certificate, is either expressed or implied.







In accordance with the authority granted under Act 11/2002, regulating the National Intelligence Centre, and applying articles 1 and 2, second paragraph, letter c, of Royal Decree 421/2004, 12th March, regulating the National Cryptologic Centre, I hereby:

Certify that the security of the HERT-BBU Software Platform, V200R007C01SPC040B811, developed by Huawei Technologies Co., Ltd., Bantian Longgang District Shenzhen 518129, P.R. China, fulfills its Security Target identified as "Huawei HERT BBU Software Platform Security Target", version 1.10, to the extent defined by the evaluation assurance level EAL3+ (ALC_CMC.4, ALC_CMS.4), using the norms "Common Criteria for Information Technology Security Evaluation" and "Common Methodology for Information Technology Security Evaluation", version 3.1.

Claimed Protection Profiles:

Evaluated Platform: none

Evaluation Facility: Epoche & Espri

Certification Report: INF-810

This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, september the 19th.

The above-mentioned Security Target and Certification Report are available at the National Cryptologic Centre.

none

CCN CONTRO GRIPTOLÓGICO NACIONAL ENAC CERTIFICACIÓN Nº 45/C-PR110 Madrid, February 23rd 2012 Secretary of State Director

Félix Sanz Roldán

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for Information Technology Security Evaluation, version 3.1, for conformance to the Common Criteria for Information Technology Security Evaluation, version 3.1. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification/Validation report. The evaluation has been conducted in accordance with the provisions of the SP IT Security Evaluation and Certification Scheme, PRE/2740/2007 september the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Scheme or organisation that recognises or gives effect to this certificate, is either expressed or implied.







In accordance with the authority granted under Act 11/2002, regulating the National Intelligence Centre, and applying articles 1 and 2, second paragraph, letter c, of Royal Decree 421/2004, March 12th, regulating the National Cryptologic Centre, I hereby:

Certify that the security of Huawei 3900 Series LTE eNodeB Access Control Software, version V100R008C01SPC820B002, developed by Huawei Technologies Co., Ltd., Bantian Longgang Shenzhen 518129, P.R. China, fulfills its Security Target identified as "Security Target of Huawei 3900 Series LTE eNodeB Access Control Software, v1.0 July 2014", to the extent defined by the evaluation assurance level EAL4+ (ALC_FLR.1), using the norms "Common Criteria for Information Technology Security Evaluation" and "Common Methodology for Information Technology Security Evaluation", version 3.1 R4.

Claimed Protection Profiles: None

Evaluated Platform: Software

Evaluation Facility: Epoche & Espri S.L.U.

Certification Report: INF-1350

This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación v Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The above-mentioned Security Target and Certification Report are available at the National Cryptologic Centre.













m accordance with the authority granted under Act 11/2002, regulating the National Intelligence Centre, and applying articles 1 and 2, second paragraph, letter c, of Royal Decree 421/2004, March 12th, regulating the National Cryptologic Centre, I hereby:

Certify that the security of Huawei 3900 Series LTE eNodeB Access Control Software version V100R008C01SPC820, developed by Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, PR of China, fulfills its Security Target identified as "Security Target of Huawei 3900 Series LTE eNodeB Access Control Software, v3.0 November 2014", to the extent defined by the evaluation assurance level EAL4+ (ALC_FLR.1), using the norms "Common Criteria for Information Technology Security Evaluation" and "Common Methodology for Information Technology Security Evaluation", version 3.1 R4.

Claimed Protection Profiles:

None

Evaluated Platform:

BBU3900 subrack

Evaluation Facility:

Epoche & Espri S.L.U.

Certification Report:

INF-1417

This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The above-mentioned Security Target and Certification Report are available at the National Cryptologic Centre.





Madrid, January 15th 2015 Secretary of State Director

Félix Sanz Roldán

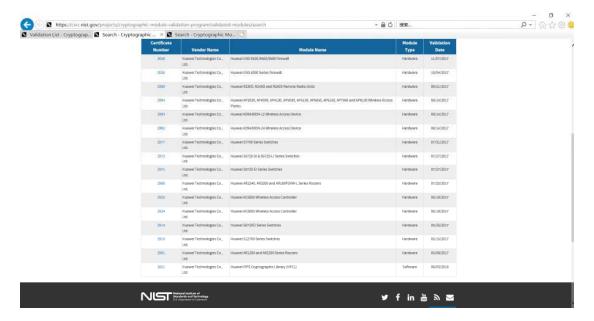
Reference: RES 001/2015

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for Information Technology Security Evaluation, version 3.1.R4, for conformance to the Common Criteria for Information Technology Security Evaluation, version 3.1.R4. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification/Validation report. The evaluation has been conducted in accordance with the provisions of the SP IT Security Evaluation and Certification Scheme, PRE/2740/2007 september the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Scheme or by any other organisation that recognises or gives effect to this certificate, is either expressed or implied.



Document Title Security Level

https://csrc.nist.gov/projects/cryptographic-module-validation-program/validated-modules/search



The IT product identified in this certificate has been evaluated at the Norwegian evaluation facility described on this certificate using Common Methodology for IT Security Evaluation, according to the version number described on this certificate, for conformance to the Common Criteria for IT Security Evaluation according to the version number described on this certificate. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification report. The evaluation has been conducted in accordance with the provisions of The Norwegian Certification Authority for IT Security (SERTIT) and the conclusions of the evaluation technical report are consistent with the evidence adduced. Certification does not quarantee that the IT product is free from security vulnerabilities. This certificate only reflects the view of SERTIT at the time of certification. It is furthermore the responsibility of users (both existing and prospective) to check whether any security vulnerabilities have been discovered since the date shown of this certificate. This certificate is not an endorsement of the IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, and no warranty of the IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, is either expressed or implied.

Certificate

Product Manufacturer: Huawei Technologies

Product Name: Huawei iManager U2000

Type of Product: Equipment Management System

Version and Release Numbers: Version V100R009C00SPC301

Build: n/a

Assurance Package: EAL 3 augmented with ALC_FLR.2

Evaluation Criteria: Common Criteria version 3.1R4 (ISO/IEC 15408)

Name of IT Security Evaluation Facility: Brightsight B.V.

Name of Certification Body: SERTIT

Certification Report Identifier: SERTIT-067 CR, issue 1.0, 4 June 2015

Certificate Identifier: SERTIT-067 C

Date Issued: 4 June 2015

Kjartan Jæger Kvassnes

Certifier

Arne Høye Rage Quality Assurance Øystein Hole Head of SERTIT

up to EAL2 and ALC_FLR only













In accordance with the authority granted under Act 11/2002, regulating the National Intelligence Centre, and applying articles 1 and 2, second paragraph, letter c, of Royal Decree 421/2004, regulating the National Cryptologic Centre, I hereby:

Certify that the security of the Huawei Integrated Management Application Platform, Version 3 Release 1 C05 SPC500, developed by Huawei Technologies Co.Ltd., whose address is Bantian, Longgang Shenzhen 518129, P.R.China, fulfills its Security Target identified as "Huawei Integrated Management Application Platform Security Target", version 0.63, 2011-08-24, to the extent defined by the evaluation assurance level EAL3+ (ALC_CMC.4; ALC_CMS.4), using the norms "Common Criteria for Information Technology Security Evaluation" and "Common Methodology for Information Technology Security Evaluation", version 3.1.

Claimed Protection Profiles:

None

Evaluated Plataform:

Sun Solaris

Evaluation Facility:

EPOCHE & ESPRI

Certification Report: INF-764

This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The above-mentioned Security Target and Certification Report are available at the National Cryptologic Centre.





Madrid, January 13th 2012 Secretary of State Director

Félix Sanz Roldán

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for Information Technology Security Evaluation, version 3.1, for conformance to the Common Criteria for Information Technology Security Evaluation, version 3.1. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification/Validation report. The evaluation has been conducted in accordance with the provisions of the SP IT Security Evaluation and Certification Scheme, PRE/2740/2007 September the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Scheme or by any other organization that recognizes or gives effect to this certificate, and no warranty of the IT product by the Scheme or by any other organization that recognizes or gives effect to this certificate, is either expressed or implied.





Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008 / GB/T 19001-2008

This is to certify that: Huawei Technologies Co., Ltd.

Huawei Industrial Park, Bantian

Longgang District

Shenzhen Guangdong 518129 China

Holds certificate No: FM 669363

and operates a Quality Management System which complies with the requirements of ISO 9001:2008 / GB/T 19001-2008 for the following scope:

Please see registered scope page.

For and on behalf of BSI:

Chris Cheung, Head of Compliance and Risk - Asia Pacific Managing Director, BSI (China), Michael Lam

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14







中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C141-M



Page: 1 of 24

...making excellence a habit.™

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000, as well as at www.cnca.gov.cn, the official website of CNCA – Certification and Accreditation Administration of the People's Republic of China.

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2008 / GB/T 19001-2008 requirements may be obtained by consulting the organization. The certified organization shall be subject to surveillance audit periodically with acceptable results for maintaining the validity of this certificate. This certificate is valid only if provided original copies are in complete set.

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: +44 845 080 9000 BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK. BSI Management Systems Certification (Beijing) Co., Ltd.

Rm. 2008 East Ocean Centre, No. 24A Jianguomenwai Street, Beijing 100004, P.R. China Tel: +86 10 8507 3000 A Member of the BSI Group of Companies.

Registered Scope:

Design, manufacture, supply chain management, sales, procurement and services (include installation, network engineering services, network field maintenance, repair services and customer support services) of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies. Design, manufacture, supply chain management and services (include installation, network field maintenance and customer support services) of business support system products, network management system and tool products, digital products, enterprise service products, cloud computing and data center products, server products and security products by Huawei Software. Design, manufacture, procurement, supply chain and delivery management, sales and services of digital entertainment products, telecommunication terminal products by Huawei Device.

Note: ODN and Distribution product: ODF (Optical Distribution Frame), FDT (Fiber Distribution Terminal), SPL (Splitter), FAT (Fiber Access Terminal), SSC (Splitting and Splicing Closure), Indoor cable, iODF (intelligent Optical Distribution Frame), iFDT (intelligent Fiber Distribution Terminal), iFAT (intelligent Fiber Access Terminal), intelligent patch cord, iSPL (intelligent electric ID).

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 2 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>.

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +86 10 8507 3000, as well as at www.cnca.gov.cn, the official website of CNCA – Certification and Accreditation Administration of the People's Republic of China.

Location

Huawei Technologies Co., Ltd. Huawei Device Co., Ltd. Huawei Software (Shenzhen) Huawei Industrial Park, Bantian Longgang District Shenzhen Guangdong 518129 China

Registered Activities

Design, manufacture, supply chain management, sales, procurement and services (include installation, network engineering services, network field maintenance, repair services and customer support services) of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product). business support system products, management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design, manufacture, supply chain management and services (include installation, network field maintenance and customer support services) of business support system products, network management system and tool products, digital products, enterprise service products, cloud computing and data center products, server products and security products by Huawei Software.

Design, manufacture, procurement, supply chain and delivery management, sales and services of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 3 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website

Location

Huawei Technologies Co., Ltd.
Huawei Device Co., Ltd.
Block A&B
Building 1, Phase 1 Tian An Cloud Park
No. 2018 Xuegang Road, Bantian
Longgang District, Shenzhen
Guangdong
518129
China

Registered Activities

Design and sales of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design, procurement, supply chain and delivery management, sales and services of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 4 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website

Location

Huawei Technologies Co., Ltd.
Nangang Campus 3
Tangtou Industrial Park, Shiyan
Bao'an District
Shenzhen
Guangdong
518108
China

Registered Activities

Design, manufacture and repair services of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 5 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website

Location

Huawei Device (Dongguan) Co., Ltd.
Huawei Machine Co., Ltd.
Huawei Technologies (Dongguan)
Huawei Software (Dongguan)
No. 2 New City Avenue
Song Shan Hu Science &
Technology Industrial Park, Dongguan
Guangdong
523808
China

Registered Activities

Design, manufacture, sales and services (include installation, network engineering services, network field maintenance, repair services and customer support services) of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design, manufacture and services (include installation, network field maintenance and customer support services) of business support system products, network management system and tool products, digital products, enterprise service products, cloud computing and data center products, server products and security products by Huawei Software.

Design, manufacture and repair services, procurement, supply chain and delivery management, sales and services of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Latest Revision Date: 2017-05-09 Effective Date: 2017-05-12 Expiry date: 2018-09-14

Page: 6 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website

Location

Huawei Technologies Co., Ltd.
Beijing Research Institute
Huawei Building, No. 3 Xinxi Road
Shang Di Information Industrial Base
Haidian District
Beijing
100095
China

Registered Activities

Design of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 7 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi-global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website of CNCA – Certification and Accreditation Administration of the People's Republic of China.

Location

Huawei Technologies Co., Ltd.
Beijing Research Institute
Huawei Device (Dongguan) Co., Ltd.
Beijing Branch
Huawei Device (Beijing)
Building 1-4, No. 18 Muhe Road
Haidian District
Beijing
100095
China

Registered Activities

Design of fixed access products, radio access products, core transport network network products, products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 8 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website

Location

China

Shanghai Huawei Technologies Co., Ltd. Huawei Device (Shanghai) No. 2222 Xinjinqiao Road Shanghai Free Trade Zone Shanghai 201206

Registered Activities

Design of fixed access products, radio access products, core transport network products, network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 9 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi-global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website of CNCA – Certification and Accreditation Administration of the People's Republic of China.

Location

China

Shanghai Huawei Technologies Co., Ltd. Building 4, Manka Technology Park No. 901 Tanglu Road Pudong Shanghai 201206

Registered Activities

Design of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 10 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi-global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website of CNCA – Certification and Accreditation Administration of the People's Republic of China.

Location

Xi'an Huawei Technologies Co., Ltd. Huawei Device (Xi'an) No. 127 Jinye Road Hi-Tech Industrial Development Zone Xi'an Shaanxi 710075 China

Registered Activities

Design of fixed access products, radio access products, core transport network products, network products, communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 11 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website

Location

Huawei Technologies (Jinan)
Huawei Software (Jinan)
Building 4, No. 8 Long Ao Bei Lu
Lixia District
Jinan
Shandong
250102
China

Registered Activities

Design of fixed access products, radio access products, core transport network products, network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design of business support system products by Huawei Software.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 12 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website

Location

Huawei Technologies Co., Ltd.
Wuhan Research Institute
Building A7, Optical Valley Software Park
Guanshan Avenue, East Lake Hi-Tech Zone
Wuhan
Hubei
430073
China

Registered Activities

Design of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 13 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi-global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website of CNCA – Certification and Accreditation Administration of the People's Republic of China.

Location

China

Huawei Technologies Co., Ltd.
Wuhan Research Institute
Huawei Device (Wuhan)
Qibu Region One, Wuhan Future City
No. 999 Gaoxin Avenue
East Lake High-Tech Zone
Wuhan
Hubei
430074

Registered Activities

Design of fixed access products, radio access products, core transport network products, network products, communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design of digital entertainment products, telecommunication terminal products by Huawei Device.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 14 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website

Location

Huawei Technologies Service Co., Ltd.
West of Wangjing Avenue
Economic and Technology Development Zone
Langfang
Hebei
065001
China

Registered Activities

Sales, procurement and services of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 15 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website

Location

China

Huawei Technologies Co., Ltd.
Nanjing Research Institute
Huawei Software Technologies Co., Ltd.
No. 101 Software Avenue
Yuhuatai District
Nanjing
Jiangsu
210012

Registered Activities

Design of fixed access products, radio access products, core transport network products, network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Design of business support system products, network management system and tool products, digital products, enterprise service products, cloud computing and data center products, server products and security products by Huawei Software.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 16 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi-global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website of CNCA – Certification and Accreditation Administration of the People's Republic of China.

Location

Huawei Digital Technologies (Suzhou)

Co., Ltd.

Building A3

Innovation and Industrial Park

No. 328 Xinghu Street

Suzhou

Jiangsu

215123

China

Registered Activities

Design of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 17 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi-global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website of CNCA – Certification and Accreditation Administration of the People's Republic of China.

Location

Huawei Technologies Co., Ltd. Hangzhou Research Institute Building 4 No. 410 Jianghong Road Binjiang District Hangzhou Zhejiang 310052 China

Registered Activities

Design of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 18 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi-global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website of CNCA – Certification and Accreditation Administration of the People's Republic of China.

Location

China

Huawei Technologies Co., Ltd. Chengdu Research Institute No. 1899 Xiyuan Avenue Hi-Tech Western District Chengdu Sichuan 610041

Registered Activities

Design of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products) by Huawei Technologies.

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 19 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi-global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website of CNCA – Certification and Accreditation Administration of the People's Republic of China.

Location

Brazil

Huawei do Brasil Telecomunicacoes Ltda. Huawei Office Street Jerome Case 2600-Eden-Zip Code 18087-220-Sorocaba Sao Paulo

Registered Activities

Supply center, supply chain management, procurement and manufacture of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products).

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 20 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website

Location

Huawei Technologies Hungary KFT. 1093 Budapest, Kozraktar u.30-32. Riverpark Office Building 1st Floor Hungary

Registered Activities

Supply center, supply chain management, procurement and manufacture of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products).

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 21 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website

Location

Huawei Technologies De Mexico Carretera Base Aerea 5850 Col. La Mora Edificio 18 CP 45136 Zapopan Jalisco Mexico

Registered Activities

Supply center, supply chain management, procurement and manufacture of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products).

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 22 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website

Location

Huawei Telecommunications (India) Co. Pvt. Ltd. Plot K-24, Sipcot Industrial Park Nearby EB Substation Sriperumbuthur, Chennai Tamil Nadu-602105 India

Registered Activities

Supply center, supply chain management, procurement and manufacture of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products).

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 23 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website

Location

Huawei Tech (UAE) FZ-LLC G02, Building EIB 04 (StarHolding Building) DIC, Dubai United Arab Emirates

Registered Activities

Supply center, supply chain management, procurement and manufacture of fixed access products, radio access products, core network products, transport network products, data communication products, synchronization network products, antenna system and radio frequency products, copper and optical distribution network products (ODN and Distribution product), business support system products, network management system and tool products, consumer service products, enterprise service products, security products, enterprise UC&C products, infrastructure network and security products, cloud computing and data center products, storage products, server products, digital entertainment products, telecommunication terminal products, energy products (include communication power system, BMP&CP, hybrid power, UPS, inverter, data center infrastructure, network management and monitoring products).

Original Registration Date: 2005-06-30 Effective Date: 2017-05-12 Latest Revision Date: 2017-05-09 Expiry date: 2018-09-14

Page: 24 of 24

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated online.

Printed copies can be validated at <u>www.bsi.global.com/ClientDirectory</u> or telephone +86 10 8507 3000, as well as at <u>www.cnca.gov.cn</u>, the official website